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1	FORM 070-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
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ATTY. DOCKET NO. EKOS.8CP3DV1C3 APPLICATION NO. 10/620,296

APPLICANT Tachibana, et al.

FILING DATE July 15, 2003 GROUP Unassigned

EXAMINER INITIAL			NAME	CL	ASS	SUBC	LASS	FILING DATE (IF APPROPRIATE
MB	3,443,226	3/18/69	Boyd		^			· · · · · · · · · · · · · · · · · · ·
1	4,027,659	6/7/77	Slingluff					.,, ., .,
•	4,040,414	8/9/77	Suroff					
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	4,531,943	6/30/85	Van Tassel et al.					
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	4,767,402	8/30/88	Kost et al.	<u> </u>				
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	4,870,953	10/03/89	Don Michael et al.					
	4,877,031	10/31/89	Conway et al.		<u> </u>	···········		
	4,917,102	4/17/90	Miller et al.					- · · · · · · · · · · · · · · · · · · ·
	4,917,088	4/17/90	Crittendon					
	4,920,954	5/1/90	Alliger et al.		1			
	4,924,863	5/15/90	Sterzer					
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mB	5,197,946	3/30/93	Tachibana			-		

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\*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. EKOS.8CP3DV1C3

APPLICATION NO. 10/820,296

BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT Tachibana, et al.

FILING DATE July 15, 2003 GROUP Unassigned

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE
MB	5,250,034	10/05/93	Appling et al.			
	5,267,954	12/07/93	Nita			
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	5,362,309	11/8/94	Carter			<u>.</u>
	5,363,853	11/15/94	Lieber			
	5,368,036	11/29/97	Tanaka et al.			·
	5,380,273	1/10/95	Dubrul et al.			
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	5,421,338	6/6/95	Crowley et al.			
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. EKOS.8CP3DV1C3

APPLICATION NO. 10/620,296

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APPLICANT Tachibana, et al.

FILING DATE
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			U.S. PATENT DOCUMENTS					
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i	5,474,530	12/12/95	Passafaro et al.					
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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APPLICATION NO. 10/620,296

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APPLICANT Tachibana, et al.

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FILING DATE July 15, 2003

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MB	5,770,222	6/23/98	Unger et al.				······································
	5,916,192	6/29/99	Nita et al.				
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MB	DE 40 05 743	8/29/91	Germany				
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FORM PTO-1449
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APPLICANT Tachibana, et al.

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EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
INITIAL						YES	NO
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MB	Japanese Journal of Cancer Research, Vol. 81, No. 3, March 1990, pp. 304-8
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•	Application No.	10/620,296
INFORMATION DISCLOSURE	Filing Date	15 July 2003
GHSTEATEMENT BY APPLICANT	First Named Inventor	Katsuro Tachibana
O O O O O CIVILIA DI ALL'ELOAIVI	Art Unit	3762
(Municle sheets used when necessary)	Examiner	Unknown
MAR 0 1 2007 SHEET 1 OF 4	Attomey Docket No.	EKOS.8CP3DV1C3

MG 1 US 3565062 02-23-1971 Kurl	nson, et al
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4 US 4698058 10-06-1987 Gree	enfeld, et al
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<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application No.	10/620,296
INFORMATION DISCLOSURE	Filing Date	15 July 2003
STATEMENT BY APPLICANT	First Named Inventor	Katsuro Tachibana
OTATEMENT DI ALL'ETOANI	Art Unit	3762
(Multiple sheets used when necessary)	Examiner	Unknown
SHEET 2 OF 4	Attorney Docket No.	EKOS.8CP3DV1C3

			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
MB	30	US 5713848	02-03-1998	Dubrul, et al	
	31	US 5733572	03-31-1998	Unger, et al	
	32	US 5766902	06-16-1998	Craig, et al	
	33	US 5779673	07-14-1998	Roth, et al	
	34	US 5836896	11-17-1998	Rosenschein	
	35	US 5846218	12-08-1998	Brisken, et al	
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	39	US 5925016	07-20-1999	Chornenky, et ai	
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	42	US 6030374	02-29-2000	McDaniel	
	43	US 6113558	09-05-2000	Rosenschein, et al	
	44	US 6117858	09-12-2000	Porter, et al	
	45	US 6135976	10-24-2000	Tachibana, et al	
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	47	US 6295990	10-02-2001	Lewis, et al	
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	51	US 6461296	10-08-2002	Desai	
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Examiner Signature	7/	Jah Boll		Date Considered	3-31-07	_
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<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application No.	10/620,296
INFORMATION DISCLOSURE	Filing Date	15 July 2003
STATEMENT BY APPLICANT	First Named Inventor	Katsuro Tachibana
OTATEMENT DI AFFEIGANI	Art Unit	3762
(Multiple sheets used when necessary)	Examiner	Unknown
SHEET 3 OF 4	Attorney Docket No.	EKOS.8CP3DV1C3

			U.S. PATENT	DOCUMENTS	•
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
MB	59	US 6797293	12-27-2005	Hansmann, et al.	
Ì	60	US 6921371	07-26-2005	Wilson	, in the second
	61	US 6958040	10-25-2005	Oliver, et al	
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	63	US 7141044	11-28-2006	Gentsler	
	64	US 2001/0007666	07-12-2001	Hoffman, et al	
	65	US 2001/0053384	12-20-2001	Greenleaf, et al	
	66	US 2002/0032394	03-14-2002	Brisken, et al	
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	69	US 2004/0024347	02-05-2004	Wilson, et al	
	70	US 2004/0039329	02-26-2004	Ueberle	
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MB	73	EP 0 189 329	07-30-1986	Fischell, et al		
	74	JP-2-180275	07-13-1990	Tachibana		Х
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	76	WO 99/25385	05-27-1999	Unger, et al		
	77	WO 99/33500	07-08-1999	Newman, et al		
	78	WO 99/34858	07-15-1999	Liu, et al		,
MB	79	WO 99/39738	08-12-1999	Schneider, et al		

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(Multiple sheets used when necessary)	Examiner	Unknown
SHEET 4 OF 4	Attorney Docket No.	EKOS.8CP3DV1C3

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-iss number(s), publisher, city and/or country where published.		ne T <sup>1</sup>		
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	81	Cancer Letters, Vol. 72, 1993, pp. 195-199			
	82	Fechmeier, et al. "Transfection of Mammalian Cells with Plasid DNA by Scrape Loading and Sonication Loading," Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 8463-8467, December 1987			
	83	Feldman, et al. "Optimal Techniques for Arterial Gene Transfer," Cardiovascular Research, 35 (1997) pp. 391-404			
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## INFORMATION DISCLOSURE (PESTATEMENT BY APPLICANT

Application No. 10/620,296

Filing Date 15 July 2003

First Named Inventor Katsuro Tachibana

Art Unit 3762

Examiner Unknown

Attorney Docket No. EKOS.8CP3DV1C3

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7			U.S. PATENT	DOCUMENTS	•
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MB	3	WO 96/07432	03-14-1996	Berg				

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MB	4	AKHTAR, Anti-HIV therapy with antisense oligonucleotides and ribozymes: realistic approaches or expensive myths? (J. Antimicrob Chemother. 38(2): 159-165, 1996)			
	5	ANDERSON, Human gene therapy. (Nature 392:25-30, 1998)			
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**Date Considered** 

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T1 - Place a check mark in this area when an English language Translation is attached.

		PTO/SB/08 Equival
	Application No.	10/820,298
WEST ATION DISCLOSURE	Filing Date	July 15, 2003
INFORMATION DISCLOSURE	First Named Inventor	Tachibana, et al.
STATEMENT BY APPLICANT	Art Unit	3763
	Examiner	Unknown
(Multiple sheets used when necessary)	Attorney Docket No.	EKOS.8CP3DV1C3
SHEET 1 OF 1		

			U.S. PATENT	DOCUMENTS	Lang Where
Examiner Initials	Cite No.	Document Number  Number - Kind Code (if known)  Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentze or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
MR	1	5,081,993	1/21/92	Kitney	
MB	2	5,895,356	4/20/99	Andrus	
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		-	OREIGN PATEN	T DOCUMENTS.	Out one Linea	
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cits No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the letter (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T³
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